What is claimed is:

1. AN MP3 broadcasting device, which is plugged into a cigarette-lighter socket inside a car and externally connected with an electronic device, the MP3 broadcasting device comprising:

a cigarette-lighter plug for plugging into the cigarette-lighter socket to acquire a first electric power;

a transmission module for receiving a first music signal output from the electronic device;

a playing module for processing the first music signal to output a second music signal capable of being heard; and

a frequency modulation (FM) radio module for transmitting the second music signal.

2. The device as claimed in claim 1, wherein the transmission module comprises:

a connecting interface; and

a transmission controller for controlling the connecting interface to access data.

3. The device as claimed in claim 2, wherein the connecting interface is a universal serial bus (USB) or an Institute of Electrical and Electronic Engineer 1394 (IEEE 1394) bus.

4. The device as claimed in claim 2, wherein the transmission controller is a USB OTG chip, a USB host controller or an IEEE 1394 control chip.

5. The device as claimed in claim 1, wherein the cigarette-lighter plug comprises:

a plug interface for plugging into the cigarette-lighter socket; and

a direct current (DC) voltage regulator for converting the first electric power acquired via the plug interface into a second electric power suitable for the MP3 broadcasting device.

6. The device as claimed in claim 1, wherein the playing module is an MP3 decoder.

7. The device as claimed in claim 1, wherein the FM radio module is an FM transmission chip.

8. The device as claimed in claim 1, wherein the electronic device has music files inside.

9. The device as claimed in claim 1, wherein the electronic device is a pen driver or an MP3 playing device.

10. The device as claimed in claim 1, further comprising a control module used to issue a command including play, stop, fast forward (FF), fast rewind (FR), repeat and random play.

11. The device as claimed in claim 1 further comprising a frequency-setting module for inputting a preset frequency into the FM radio module.